Garnet
Garnet Global Training Center

GGT-MM-105

Mechanical, Maintenance & Reliability

Pumps, Compressors & Turbines

المضخات والضواغط والتوربينات

Duration	Language	Formats	Hours	Level
5 or 10 days	**English or Arabic**	**Classroom, online, in-house**	**35 / 70**	**Intermediate (practitioner)**

Overview

Pumps, Compressors & Turbines turns established good practice into step-by-step methods that participants rehearse in exercises and then apply at work. Keep equipment running longer, fail less and plan maintenance on evidence instead of habit. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Pumps, Compressors & Turbines to real tasks.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.

Who should attend

Mechanical and maintenance engineers, reliability specialists, planners and workshop supervisors. Practitioners with one to five years of experience benefit most.

Key topics

- Failure modes and degradation mechanisms
- Condition monitoring techniques
- Maintenance strategy and planning
- Spare parts and work order discipline
- Reliability metrics: MTBF, MTTR, OEE
- CMMS data and continuous improvement

Formats and fees

5-day classroom	**USD 4,750**
5-day online	**USD 2,950**
10-day classroom	**USD 8,950**
10-day online	**USD 5,450**
In-house	**Quotation per group**

Fees per participant, excluding VAT.

Register or ask

WhatsApp: +971 56 674 7382

Email: info@garnettrainings.com

Training: training@garnettrainings.com

Web: garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

5-day outline

Day 1 Pumps, Compressors & Turbines: principles and standards

- Condition monitoring techniques
- Measurement and reporting

Day 2 Methods and tools in practice

- Maintenance strategy and planning
- Spare parts and work order discipline

Day 3 Diagnosis and problem solving

- Reliability metrics: MTBF, MTTR, OEE
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- CMMS data and continuous improvement
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Failure modes and degradation mechanisms
- Regional and international case studies

10-day outline

Day 1 Pumps, Compressors & Turbines: principles and standards

- Condition monitoring techniques
- Measurement and reporting

Day 2 Methods and tools in practice

- Maintenance strategy and planning
- Spare parts and work order discipline

Day 3 Diagnosis and problem solving

- Reliability metrics: MTBF, MTTR, OEE
- Hands-on workshop on a workplace challenge

Day 4 Quality, safety and documentation

- CMMS data and continuous improvement
- Common mistakes and how to avoid them

Day 5 Workshop, assessment and action plan

- Failure modes and degradation mechanisms
- Regional and international case studies

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Checklists and templates to take away

Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

Day 8 Benchmarking against international practice

- Global performance benchmarks
- Group discussion and peer review

Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

Schedule 2027–2030

Dates	Format	City	Language	Fee (USD)
10–14 Jan 2027	5-day classroom	Cairo	English	4,750
8–12 Mar 2027	5-day classroom	Kuala Lumpur	English	4,750
18–29 Jul 2027	10-day classroom	Riyadh	Arabic	8,950
18–22 Oct 2027	5-day online	Live online	Arabic	2,950
13–17 Mar 2028	5-day classroom	Dubai	Arabic	4,750
10–14 Apr 2028	5-day classroom	Abu Dhabi	English	4,750
3–14 Jul 2028	10-day online	Live online	Arabic	5,450
7–18 Aug 2028	10-day classroom	Kuala Lumpur	English	8,950
16–20 Jul 2029	5-day classroom	Istanbul	English	4,750

Dates	Format	City	Language	Fee (USD)
20–24 Aug 2029	5-day online	Live online	Arabic	2,950
9–13 Sep 2029	5-day classroom	Muscat	English	4,750
1–12 Oct 2029	10-day classroom	Abu Dhabi	Arabic	8,950
4–8 Aug 2030	5-day classroom	Kuwait City	English	4,750
16–27 Sep 2030	10-day online	Live online	English	5,450
4–15 Nov 2030	10-day classroom	Dubai	English	8,950
8–12 Dec 2030	5-day classroom	Amman	Arabic	4,750

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/